

ABSTRACT

The process for producing a vic-dichloro acid fluoride compound in a short process and in good yield from the starting material which is inexpensive and readily available is provided. $(R^{H1}-E_{H1}-)CR^{H2}R^{H3}CH_2-OCOR^{HB}$ (I) is fluorinated in a liquid phase to form $(CF_2ClCFCl-E^{F1}-)CR^{F2}R^{F3}CF_2-OCOR^{FB}$ (II), and then, an ester bond of the compound (II) is decomposed to form $(CF_2ClCFCl-E^{F1}-)CR^{F2}R^{F3}COF$ (III) or the compound (III) and $FCOR^{FB}$ (IV).